

**PROCESS AND DEVICE FOR HEATING WINDSCREEN WASHER
LIQUID**

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Abstract

The invention proposes to heat only a small useful quantity of the washer water as close as possible to the nozzles (16) of the windscreen wiper system (17). The corresponding miniaturisation makes it possible to reduce the heating time to 5-10 seconds. Practice has shown that, after the windscreen washer system has been actuated twice or three times with warm water, an adequate cleaning effect can be obtained in most cases. Further cleaning is possible either by washing with cooler or cold water or by repeating the process after 10 to 20 seconds. The water is heated by an instant heating element (9) which can, for instance, be built into a secondary chamber (8) with a content of 10 to 50 cm³. A part of the heat energy is thereby stored in a larger heat reserve tank of e.g. 1 dl.

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